

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	538	384/912.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:44
L3	362	384/625.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:45
S1	26	okugami.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:43
S2	15276	muramatsu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:41
S3	1789	ohki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:48
S4	25114	hori.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:42
S5	0	S1 with S2 with S3 with S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:42
S6	3	S1 and S2 and S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:42
S7	482	S2 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:49

## EAST Search History

S8	11	S2 and bearing and grain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:49
S9	6	S2 and bearing and austenite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:50
S10	108	S3 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:50
S11	22	S3 and bearing and austenite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:53
S12	5	S4 and bearing and austenite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 16:53
S13	2	"20030123769"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 08:12
S14	7	((("20030123769") or ("6224588") or ("6149734") or ("6440232") or ("6342109") or ("6165289") or ("4971634"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 08:36
S15	6	((("6423158") or ("5352303") or ("6224688") or ("4930909") or ("6440232") or ("4971634"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/29 08:41
S16	5	bearing with (austenite and fracture near stress and nitrid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:01
S17	26	(austenite and fracture near stress and nitrid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:12

## EAST Search History

S18	0	JP2001364516	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:35
S19	16933016	JP "2001364516"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:35
S20	7	"2001364516"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:36
S21	2	"2002194775"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:36
S22	2	"2002194793"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:36
S23	2	"2002194804"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:36
S24	2	"2002194921"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:37
S25	7	"2001364516"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 10:37
S26	2573	austenite and (grain with size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 14:35
S27	595	austenite and (grain with number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 16:57

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S28	7	S27 and 384/492.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 14:54
S29	5	S28 and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 14:55
S30	4	S28 and hydrogen with (ppm aor content)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 14:56
S31	17	takemura.in. and hydrogen with ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 14:59
S32	40	fracture with stress and "2650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:00
S33	11307	fracture with stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:00
S34	303	fracture with stress and austenite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:00
S35	2	fracture with stress and austenite with (grain near number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:01
S36	51	fracture with stress and austenite with (grain near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:01
S37	23	fracture with stress and austenite with (grain near size) and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:02

## EAST Search History

S38	26	okugami.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 15:44
S39	27	(US-20040179761-\$ or US-20030123769-\$ or US-20040079310-\$ or US-20050205163-\$ or US-20020088511-\$ or US-20030051771-\$).did. or (US-4971634-\$ or US-6423158-\$ or US-6408665-\$ or US-6602358-\$ or US-6641680-\$ or US-5137375-\$ or US-6224688-\$ or US-6357924-\$ or US-6440232-\$).did. or (EP-1452755-\$ or WO-2005036003-\$ or EP-1462649-\$).did. or (JP-2004278784-\$ or JP-2003096539-\$ or JP-2003226919-\$).did. or (EP-1452755-\$ or EP-1484521-\$ or EP-1462649-\$ or JP-2002371320-\$ or JP-2003089855-\$ or JP-2004257556-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 16:56
S40	2	S39 and austenite with (grain near number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 16:57
S41	24	austenite and grain and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:23
S42	21	austenite with grain and size and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:09
S43	0	austenite with grain and size and S39 with \$3nitrid\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:09
S44	0	austenite with grain and size and S39 with (nitrid\$4 or carbonitri\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:09

## EAST Search History

S45	0	austenite and S39 with (nitrid\$4 or carbonitri\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:09
S46	17	austenite and S39 and (nitrid\$4 or carbonitri\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:09
S47	2	S39 and (nitrid\$4 or carbonitri\$4) with grain near number	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:10
S48	10	S39 and (nitrid\$4 or carbonitri\$4) with grain near size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:10
S49	5	S39 and (nitrid\$4 or carbonitri\$4) with grain near size and hydrogen with ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:11
S50	5	S39 and (nitrid\$4 or carbonitri\$4) with grain near size and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:11
S51	696985	S39 and (nitrid\$4 or carbonitri\$4) with fracture stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:11
S52	5	S39 and (nitrid\$4 or carbonitri\$4) with fracture near stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:12
S53	0	S39 with fracture near stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:12
S54	0	S39 with fracture same stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:12

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S55	7	S39 and fracture same stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:12
S56	6	S39 and fracture near stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:27
S57	16	S39 and stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:27
S58	7	S39 and stress with fracture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:37
S59	8	S39 and hydrogen with ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:29
S60	0	S39 and bearing near (hydrogen with ppm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:32
S61	7	S39 and (nitrid\$4 or carbonitrid\$4) with (hydrogen with ppm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:33
S62	7	S39 and (nitrid\$4 or carbonitrid\$4) and (hydrogen with ppm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:33
S63	6	S39 and stress with fracture and "2650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:37
S64	6	S39 and stress with fracture and Mpa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/29 17:37